

## BENTOSUND EHG®

Selected high yield sodium based bentonite with an optimized viscosity profile, especially designed for difficult drilling operations in both vertical and horizontal borings.

GENERAL AND RHEOLOGICAL CHARACTERISTICS	
Wet screen analysis (residue on 200 mesh)	0,5 – 1 %
Moisture	11 – 13 %
Liquid limit	> 600 %
Physical state	Fine powder
Colour	Brown
Yield (API 13B)	200-210 bbl / sh.ton
pH	8,7-10,7
Bleeding after 24 hours	0

Approx. Amounts of Bentosund EHG in freshwater	Kg/m3	lb/bbl
normal drilling conditions	18-30	6,3-11
unconsolidated Formations	35-45	12-20
Caving Formations & Loss Circulations	40-45	15-20
Make up for Gel/Foam Systems	15-31	5,3-10,9

### Specific advantages and benefits

- Cost effective: Yields more than twice a standard grade bentonite with strong gelling capability
- Working in about every type of soil: from moderate clay soils to high concentrations of sand
- Environment friendly; No fermentation & Atoxic
- Low solid content & optimized grain size: Easy to mix & quick hydration for max viscosity

### Application

BENTOSUND EHG® is specially suggested :

- Horizontal directional drilling
- Gel foam, air drilling applications
- Shaft drilling
- Water well drilling
- Microtunnelling
- Pipejacking
- Mineral exploration and sampling

### Preparation

Mix with water using a high efficient mixer (min.5 minutes). Keep mud in circulation during use.

### Packaging & Storage

Jumbo bags & 25 Kg paper/valve bags  
Keep the product in a dry place and closed in original packing

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